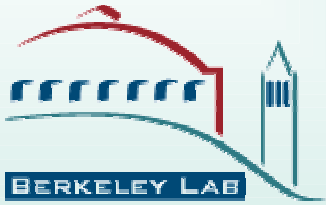


CURRENT AND PLANNED PLATFORM SUPPORT FOR PRINCIPAL INSTITUTIONAL INFORMATION APPLICATIONS AT BERKELEY LAB

November 29, 2001



Marketplace OS Platform Popularity

OS Platforms used to access Web site at a large
California banking institution (January 2001):

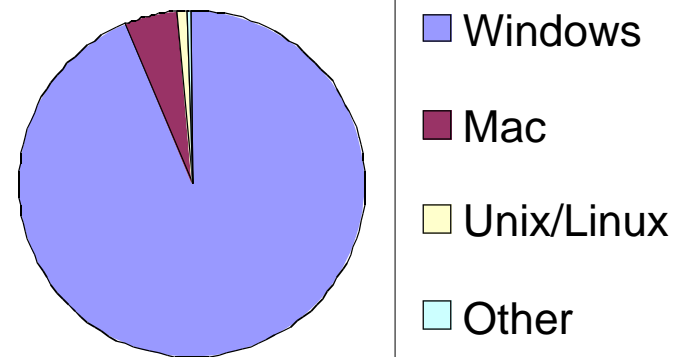
Total sessions in sample: 167,064

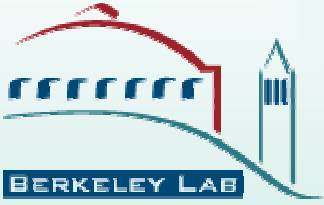
Windows: 156,257 sessions (93.53%)

Mac: 8623 sessions (5.16%)

Unix / Linux: 1682 sessions (1.01%)

Other: 502 sessions (0.30%)





Marketplace Browser Popularity

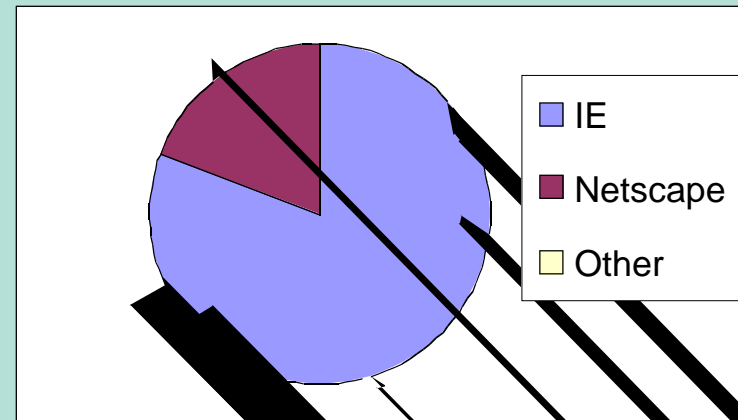
Browsers Used to access Web site at a large California banking institution
(January 2001):

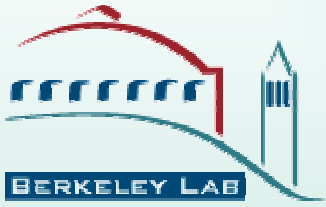
Total Sessions in sample: 167,064

Microsoft IE: 135,238 sessions (80.94%)

Netscape: 31,783 (19.02%)

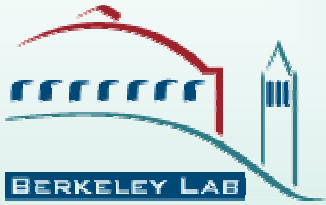
Other (Gecko, Opera, etc.): 43 sessions (0.04%)





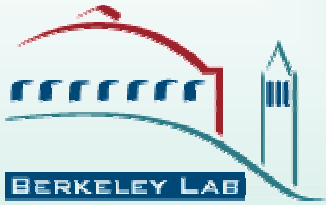
Impact of OS Platform and Browser Popularity

- Software vendors will tend to develop for only the most profitable OS platforms and browsers.
- If multiple OS platforms and browsers are supported, vendors will identify and resolve problems with the most popular OS platforms and browsers first. (As a result the products will be buggier and less robust on the less popular OS platforms and browsers.)



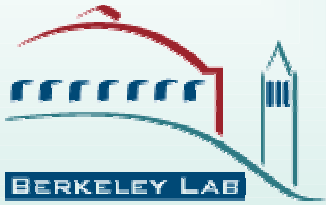
Observed Marketplace Drivers

- PeopleSoft (up to version 7.5) client-server has supported Windows, not Mac.
- PeopleSoft version 8 is fully Web-enabled.
- Although PeopleSoft has certified version 8 for both Netscape and IE, they have advised that performance will be much better on IE.
- Although Gelco has certified their Travel Management system for both Netscape and IE, they have advised that performance will be much better on IE.
- Oracle's XML application development toolset contains many user interface features that are well supported for IE, but not for Netscape.



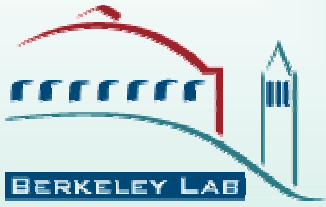
Trends at LBNL: Financial Systems

System	Current	Future
FMS	Client-server (Windows only)	Web (Netscape and IE; IE preferred)
Accounts Payable	Host-terminal (Windows and Mac)	Web (Netscape and IE; IE preferred)
Janus (Budget)	Client-server (Windows only)	Web (IE only)
SPPT (Sponsored Projects)	Host-terminal (Windows only)	Web (Netscape and IE; IE preferred)
Travel	Local (Windows only)	Web (Netscape and IE; IE preferred)
Financial Archives	Client-server (Windows only)	Web (Netscape and IE; IE preferred)



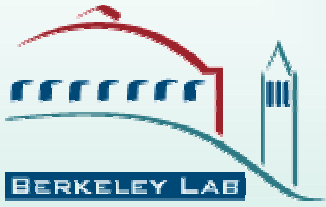
Trends at LBNL: HR and Payroll Systems

System	Current	Future
HRIS	Client-server (Windows only)	Web (Netscape and IE; IE preferred)
LETS	Web (Netscape and IE)	Web (Netscape and IE)



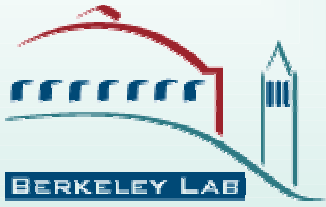
Trends at LBNL: Procurement Systems

System	Current	Future
Procurement Card	Host-terminal (Windows and Mac)	Web (Netscape and IE)
Purchasing	Client-server (Windows and Mac)	Web (Netscape and IE; IE preferred)
Systems Contracts	Client-server (Windows only)	Client-server (Windows only)



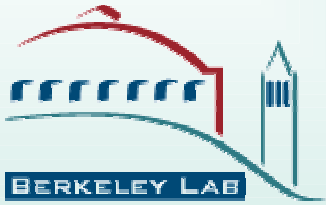
Trends at LBNL: Facilities Systems

System	Current	Future
Asset Management	Web (Netscape and IE)	Web (Netscape and IE)
Maximo	Client-server (Windows only)	Web (Netscape and IE)
Odyssey (Space)	Client-server (Windows only)	Web (Netscape and IE)



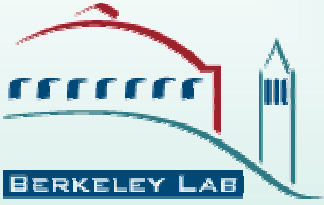
Trends at LBNL: Data Warehouse Systems

System	Current	Future
IRISv2	Web (Netscape only)	Web (Netscape and IE)



Major Institutional Applications Platform Summary Statistics

Platform	Current	Future
Local; Windows only	1	0
Host-Terminal (Windows only)	1	0
Host-Terminal (Windows and Mac)	2	0
Client-server (Windows only)	7	1
Client-server (Windows and Mac)	1	0
Web (Netscape only)	1	0
Web (Netscape and IE)	2	6
Web (Netscape and IE; IE preferred)	0	7
Web (IE only)	0	1



Summary

- OS platform and browser support are extremely market driven.
- Windows has a commanding share of the OS platform market.
- IE has a commanding share of the browser market.
- The LBNL (and marketplace) support model has favored Windows over Mac.
- There is a major trend away from client-server and toward Web browser based applications.
- The marketplace support model favors IE over Netscape, and is driving LBNL's support model accordingly.